



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

09/884,429

06/18/2001

David Chazan

01-052410US

9951

21569 7590 10/18/2007
CALIPER LIFE SCIENCES, INC.
605 FAIRCHILD DRIVE
MOUNTAIN VIEW, CA 94043-2234

EXAMINER

GORDON, BRIAN R

ART UNIT

PAPER NUMBER

1797

MAIL DATE

DELIVERY MODE

10/18/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Interview Summary	Application No.		Applicant(s)	
	09/884,429		CHAZAN ET AL.	
	Examiner		Art Unit	
	Brian R. Gordon		1743	

All participants (applicant, applicant's representative, PTO personnel):

(1) Brian R. Gordon. (3) _____

(2) Ann Petersen. (4) _____

Date of Interview: 12 October 2007.

Type: a) ☒ Telephonic b) ☐ Video Conference
c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☐ No.
If Yes, brief description: _____

Claim(s) discussed: 29.

Identification of prior art discussed: Ho et al..

Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Applicant presented the examiner with proposed claims. The examiner stated the proposed amendment of claim is sufficient to overcome the broad implications of the term covered as previously stated by the examiner. However, the amendment contains elements not previously examined. As such, if applicant chose to file the proposed amendment further searching/consideration of the new elements would be required.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

BRIAN R. GORDON
PRIMARY EXAMINER

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.


Examiner's signature, if required

Proposal



Caliper
LifeSciences

Legal Department
605 Fairchild Drive
Mountain View, CA 94043-2234
Direct Tel.: (650) 623-0867
Fax: (650) 623-0504
www.caliperls.com

FAX COVER SHEET

TO: U.S. Patent & Trademark Office
Examiner Brian R. Gordon

FAX NUMBER: 571-273-1258

FROM: Ann C. Petersen

DATE: October 12, 2007

NUMBER OF SHEETS (INCLUDING COVER): 3

DO NOT ENTER

THIS FACSIMILE MESSAGE IS CONFIDENTIAL AND MAY CONTAIN ATTORNEY PRIVILEGED
INFORMATION INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR COMPANY NAMED
ABOVE

If the reader is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient,
you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If
you have received this communication in error, please notify us by telephone at the above number so that we may
arrange for the return of the original message to us. Thank you.

09/884,429 filed 06/18/2001
David Chazan, et al.
Reply to Office Action of 02/23/2007

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-28 (canceled)

29. (currently amended) A fabrication element comprising a body structure that includes two bonded substrates, the body structure having a ~~covered~~ microchannel network disposed therein and a venting channel disposed therein or at least partially therethrough, the microchannel network disposed within the two bonded substrates such that the microchannel network is covered, the microchannel network comprising a plurality of microchannels, at least two of which microchannels intersect, the venting channel disposed along at least a portion of a side of one or more of the microchannels such that it does not intersect with any microchannel in the microchannel network.

30-32 (canceled)

33. (previously presented) The fabrication element of claim 29, wherein the venting channel is disposed substantially parallel to one or more sides of the one or more microchannels in the microchannel network.

34. (previously presented) The fabrication element of claim 29, wherein the fabrication element further comprises a first venting channel network, the venting channel comprising a portion of the first venting channel network.

35. (previously presented) The fabrication element of claim 34, further comprising a second venting channel network, at least one venting channel of which is disposed proximal to a second side of the one or more microchannels in the microchannel network.

09/884,429 filed 06/18/2001
David Chazan, et al.
Reply to Office Action of 02/23/2007

43. (original) The fabrication element of claim 42, wherein the one or more venting channels comprise widths of at least about 0.1 mm.

44. (original) The fabrication element of claim 42, wherein the one or more venting channels are disposed at least about 3 mm from the one or more edges of the body structure.

45. (original) The fabrication element of claim 42, wherein one or more venting channels of the first and second venting channel networks fluidly communicate with the third venting channel network.

46-80 (canceled)

81. (currently amended) A fabrication element comprising a body structure formed by bonding together at least a first and a second substrate, at least one of the first and second substrates having a plurality of components disposed therein, the plurality of components including at least one venting channel network ~~disposed within the body structure to vent bond voids between the bonded substrates, the venting channel network disposed within the bonded first and second substrates,~~ the venting channel network comprising at least two intersecting channels, the venting channel network disposed in at least one of the first and second substrates such that it does not intersect with any other component disposed in the first and second substrates.

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.